

February 22, 2013

To: Executive Board

Subject: **Contract Amendment – Solar Power Systems Expansion**

Recommendation

Authorize the Executive Director to issue Contract Amendment No. 4 in the amount of \$375,031 to Agreement No. 10-011 with the O.K. Earl Corporation for an additional 30 kilowatt expansion of the Solar Power System Project at the Arcadia Operations and Maintenance Facility.

Analysis

At the July 2010 Executive Board Meeting, the Executive Board authorized the award of a contract for installation of solar power systems at Foothill Transit's Pomona and Arcadia operations and maintenance facilities. The installation of the photovoltaic (PV) panels was completed in November 2011 and January 2012 for the Pomona and Arcadia facilities respectively.

The solar power system size at the Arcadia facility is currently designed for a 158 kilowatt alternating current, which generates an estimated 20% of supplemental power to their current usage. As of the date of this report, Foothill Transit has generated over 280,000 kilowatt hours of clean, solar power and received \$36,907 in incentives from Southern California Edison. The 30 kilowatt expansion is estimated to provide an additional 4% of supplemental power to the current 20% generated by the existing PV panels.

The budget allocated for the solar power systems project was \$4 million of American Recovery and Reinvestment Act funds (ARRA). After the design and construction of the solar power systems at both the Arcadia and Pomona facilities, the project was completed under budget. As a result, additional funds of \$408,197 remain. Since the original \$4 million ARRA funds were programmed to the solar project installation, the remaining funds can only be used in expanding the solar project at Arcadia.

The Solar PV Expansion Project includes the installation of new PV panels, a new 30 kilowatt inverter, combiner boxes, structural steel support and all the necessary items for the completion of the project. The City of Irwindale has approved the Solar Power Systems - Photovoltaic Installation Expansion plans and the project is ready for construction and installation.




Executive Board Meeting – 02-/22/13
Contract Amendment – Solar Power Systems Expansion
Page 2

Fiscal Impact

The approved Fiscal Year 2013 Business Plan includes funding through Foothill Transit's Federal Economic Recovery and Reinvestment Act of 2009 (ARRA) allocation.

Sincerely,


Sharlane R. Bailey
Project Manager


Doran J. Barnes
Executive Director